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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

First Named Inventor: MIURA, SEIJI

Art Unit: 2186

Appln. No.: 10/536,460

Examiner:

Filed: May 25, 2005

Confirmation No.: 6477

For: MEMORY MODULE, MEMORY SYSTEM, AND INFORMATION DEVICE

\* \* \*

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
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Sir:

Pursuant to 37 C.F.R. § 1.56, and without any assertion as to materiality or prior art effect, the documents listed on the attached Form PTO/SB/08A are hereby cited.

Documents AS, AT, AU, AV and BQ on the attached List were cited in the specification on pages 1 and 2 and their relevance is cited therein.

Documents AA-AR, AS, AT, AV and AW-BP on the attached List were cited in the International Search Report (copy attached).

Document AT is the European counterpart of Document AS. Documents AB-AE were cited in the International Search Report as family members of AW. Document AF was cited in the International Search Report as family member of AX. Document AG was cited in the International Search Report as family member of Document AY. Documents BC and AH were cited in the International Search Report as family members of Document BB. Documents BF, AI and AJ were cited in the International Search Report as family members of Document BE. Documents BH and AK were cited in the International Search Report as family members of Document BG. Documents AL and AM were cited in the International Search Report as family members of Document BI. Documents BM, BN, AN, AO and AP

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Documents AQ and AR were cited in the International Search Report as family members of Document BP.

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

Date: December 6, 2005

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		Application Number	10/536,460
		Filing Date	May 25, 2005
		First Named Inventor	MIURA, SEIJI
		Art Unit	2186
Sheet 1 of 2		Examiner Name	
		Attorney Docket Number	XA-10365

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	2004/0049629	A1	03/2004	MIURA et al.	711/105
	AB	2001/0046167	A1	11/2001	AYUKAWA et al.	365/200
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	AR	2002/0006071	A1	1/2002	IKEDA et al.	365/230.03

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AS	JP	5-299616	A	11/1993	ISHIHARA et al.		Abstract
	AT	EP	0 566 306	A2	10/1993	ISHIHARA et al.		YES
	AU	JP	7-146820	A	6/1995	KATAYAMA et al.		Abstract
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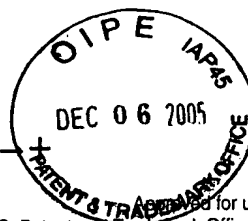
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Substitute for form 1449A/PTO  <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Complete it Known</th> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>10/536,460</td> </tr> <tr> <td>Filing Date</td> <td>May 25, 2005</td> </tr> <tr> <td>First Named Inventor</td> <td>MIURA, SEIJI</td> </tr> <tr> <td>Art Unit</td> <td>2186</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> </table>	Complete it Known		Application Number	10/536,460	Filing Date	May 25, 2005	First Named Inventor	MIURA, SEIJI	Art Unit	2186	Examiner Name	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AW	JP	2001-344967	A	12/2001	AYUKAWA et al.		Abstract
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	AY	JP	2003-6041	A	1/2003	AYUKAWA et al.		Abstract
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	BE	JP	2001-357684	A	12/2001	TAKATA et al.		Abstract
	BF	EP	1 164 594	A1	12/2001	TAKATA et al.		Yes
	BG	JP	2003-15954	A	1/2003	SUMITANI et al.		Abstract
	BH	EP	1 271 540	A2	1/2003	SUMITANI et al.		Yes
	BI	JP	2002-251884	A	9/2002	SAKUI		Abstract
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	BL	JP	8-167703	A	6/1996	MORI et al.		Abstract
	BM	EP	0 707 316	A2	4/1996	MORI et al.		Yes
	BN	EP	1 154 434	A1	11/2001	MORI et al.		Yes
	BP	JP	2000-339954	A	12/2000	IKEDA et al.		Abstract

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BQ	SHARP CORPORATION, "a stacked memory (stacked CSP) a flash memory + a RAM data Sheet" type name LRS1380, (online), December 10, 2001 (URL: <a href="http://www.sharp.co.jp/products/device/flash/cmlist.html">http://www.sharp.co.jp/products/device/flash/cmlist.html</a> )	

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